

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (FOR INTEL CORPORATION PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

DIRECT BUILD-UP LAYER ON AN ENCAPSULATED DIE PACKAGE HAVING A MOISTURE BARRIER STRUCTURE

the specification of which



is attached hereto.

was filed on September 13, 2000 as

United States Application Number 09/660,757

or PCT International Application Number _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

APPLICATION NUMBER	COUNTRY (OR INDICATE IF PCT)	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> No <input type="checkbox"/> Yes
			<input type="checkbox"/> No <input type="checkbox"/> Yes
			<input type="checkbox"/> No <input type="checkbox"/> Yes

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (ISSUED, PENDING, ABANDONED)

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to:

Robert G. Winkle, Reg. No. 37,474, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP

(Name of Attorney or Agent)

12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025 and direct telephone calls to:

Robert G. Winkle, (503) 684-6200.


(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor (given name, family name)

Qing Ma

Inventor's Signature



Date

12/13/00

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Full Name of Second/Joint Inventor (given name, family name) _____

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Full Name of Third/Joint Inventor (given name, family name) _____

Inventor's Signature _____

Date _____

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Citizenship _____
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P. O. Address _____

Full Name of Fourth/Joint Inventor (given name, family name) _____

Inventor's Signature _____

Date _____

Residence _____
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Full Name of Fifth/Joint Inventor (given name, family name) _____

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Full Name of Sixth/Joint Inventor (given name, family name) _____

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Full Name of Tenth/Joint Inventor (given name, family name) _____

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Full Name of Eleventh/Joint Inventor (given name, family name) _____

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APPENDIX A

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S/N 09/660,757PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Qing Ma	Examiner:	Unknown
Serial No.:	09/660,757	Group Art Unit:	Unknown
Filed:	September 13, 2000	Docket:	884.803US1
Title:	Direct Build-up Layer on an Encapsulated Die Package Having a Moisture Barrier Structure		

REVOCATION AND POWER OF ATTORNEY
CERTIFICATE UNDER 37 CFR §3.73(b)

Commissioner for Patents
 Washington, D.C. 20231

In accordance with 37 C.F.R. Section 1.36, M.P.E.P. Section 402.05 and 402.07, please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith:

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REVOCATION AND POWER OF ATTORNEY

Serial Number: 09/660.757

Filing Date: September 13, 2000

Title: Direct Build-up Layer on an Encapsulated Die Package Having a Moisture Barrier Structure

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Skabrat, Steven P.	Reg. No. 36,279	Yates, Steven D.	Reg. No. 42,242
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Spicer, Gary J.	Reg. No. 45,458		
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CERTIFICATE UNDER 37 CFR §3.73(b)

Intel Corporation hereby certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor filed December 26, 2000 and recorded on Reel 011393, Frames 0834 - 0836. To the best of my knowledge and belief, title is in Intel Corporation, the assignee.

Pursuant to 37 C.F.R. §3.73(b) I hereby declare that I, Mr. Thomas Reynolds, am empowered to sign this certificate on behalf of Intel Corporation, the assignee.

I hereby declare that all statement made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true.

Please direct all correspondence in this case to:

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Date 8-26-02 By Thomas C. Reynolds
Mr. Thomas Reynolds
Title: Director of Patents